

# BALLISTIC DENSITY FROM SURFACE DATA

For use of this form, see FM 6-15; the proponent agency is TRADOC.

|  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
|--|--|----------|---|--|---|--------------------------|---------------------------------|----------------------|--|-----------|--------------|------------------|--|--|--|--|--|
| STATION                                  |  | LOCATION |   |  |   | RE-<br>LEASE<br>TIME     |                                 | DATE                 |  | HOUR      |              | FLIGHT NO        |  |  |  |  |  |
|  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
|  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 1  | (8) TYPE MESSAGE                           |          |   |  |   |                          |                                 | (1) SURFACE PRESSURE |  | INCHES    |              | MSL % STD (ICAO) |  |  |  |  |  |
|  | BALLISTICS                                 |          | S |  | A |                          |                                 |                      |  | MILLIBARS |              |                  |  |  |  |  |  |
| 2  | (9) REGION                                 |          |   |  |   |                          |                                 | TEMPERATURE          |  | (2) DRY   |              |                  |  |  |  |  |  |
|  |  |          |   |  |   |                          |                                 |                      |  | °C        |              |                  |  |  |  |  |  |
| 3  | (10) PERIOD                                |          |   |  |   |                          |                                 |                      |  | (3) WET   |              |                  |  |  |  |  |  |
|  |  |          |   |  |   |                          |                                 |                      |  | °C        |              |                  |  |  |  |  |  |
| (11) TRUE SURFACE DENSITY                |  |          |   |  |   |                          | (4) DEPRESSION                  |                      |  |           |              |                  |  |  |  |  |  |
| (12) MEAN SURFACE DENSITY                |  |          |   |  |   |                          | (5) VIRTUAL                     |                      |  |           |              |                  |  |  |  |  |  |
|  |  |          |   |  |   |                          | °C                              |                      |  |           | %STD         |                  |  |  |  |  |  |
| (13) DEPARTURE FROM MEAN SURFACE DENSITY |  |          |   |  |   |                          | (6) STATION HEIGHT (10s meters) |                      |  |           |              |                  |  |  |  |  |  |
| (7) SUNRISE                              |  |          |   |  |   |                          | SUNSET                          |                      |  |           |              |                  |  |  |  |  |  |
| 4  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| LINES                                    | DEPARTURE FROM MEAN BALLISTIC DENSITY (14) |          |   |  |   | BALLISTIC DENSITY % (15) |                                 |                      |  |           | COMPUTATIONS |                  |  |  |  |  |  |
| 1  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 2  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 3  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 4  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 5  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 6  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 7  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 8  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 9  |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 10                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 11                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 12                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 13                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 14                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| 15                                       |  |          |   |  |   |                          |                                 |                      |  |           |              |                  |  |  |  |  |  |
| OBSERVER                                 |  |          |   |  |   | COMPUTER                 |                                 |                      |  |           |              | CHECKER          |  |  |  |  |  |